

ECS Configuration Change Request

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CCR No. 98-0757	Logged Date 06-29-98	Rev. -	Request Type EDF CCR
Priority Routine <input type="checkbox"/> Urgent <input type="checkbox"/> Emergency <input checked="" type="checkbox"/>	Affected Release B	Change Class IN	
Title (description) Need Evaluation copy of Rational Rose 98 Enterprise Edition			
Documents Affected N/A	Source Nos (RID, NCR, Action Item, GSFC CCR, etc.) or Tech Reference N/A		
RTM Change <input type="checkbox"/> Start New Baseline <input type="checkbox"/>			
Problem The Development organization has used Rational Rose for doing design work (object models, event traces, etc.) in the past. The reverse engineering capability has been used to keep code in sync with design in the SDFs. The version of Rose that we have has been upgraded by the vendor. The new version supports the forward and reverse engineering of design with the Java language, something the version that we have does not do. For the Client Subsystem, this would increase our productivity as right now the developers have to hand edit their object models after they have finished coding. Also, with this new version they would be able to generate the class template from the object model where today they have to generate it by hand.			
Proposed Solution Install the Unix version of Rational Rose on "Clydes" within the IDG Test Cell for the Client Subsystem to test its capabilities to determine whether the Development department should update the version that we use. Include the following individuals from the Client Subsystem for the evaluation: lcase, kbryant, nchan, tchapin, jcheatwo, and ray. Note: Another CCR will have to be submitted when or if it is determined to upgrade the product to this latest version.			
Impact Analysis: Organizations Affected: BOO <input type="checkbox"/> Contracts <input type="checkbox"/> ECS Chief Eng <input type="checkbox"/> FOS <input type="checkbox"/> M&O <input type="checkbox"/> Procurement <input type="checkbox"/> QO <input type="checkbox"/> Rel. Dev <input checked="" type="checkbox"/> Rel. A <input type="checkbox"/> Rel. C <input type="checkbox"/> SCDO Arch. <input type="checkbox"/> Science Off <input type="checkbox"/> Security <input type="checkbox"/> Subcontract <input type="checkbox"/> Sys. Eng <input type="checkbox"/> Sys Verif Acpt <input type="checkbox"/> <i>RTSC <input checked="" type="checkbox"/> File</i>			
Cost: None <input checked="" type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large <input type="checkbox"/> (Not exceeding \$100,000) (\$100,000 to \$500,000) (Over \$500,000)			
Schedule: None <input type="checkbox"/> Other <input type="checkbox"/> Need by date: 7/10/98 Additional LOC _____ Man-Months _____ Materials _____			
Originator Michelle Johnson c/o Lynne Case Signature <i>Michelle Johnson</i> Date <i>6/29/98</i>			
Office Release Dev. _____ Office Manager <i>Walter McBride</i> Signature _____ Date <i>06/29/98</i>			
Disposition Approved <input type="checkbox"/> Approved w/Comment <input checked="" type="checkbox"/> Forward <input type="checkbox"/> Disapproved <input type="checkbox"/> Comments: <i>Requires A No-Cost Purchase order be cut.</i>			
CCB Chairperson <i>David L. Gault</i> Signature _____ Date <i>7/1/98</i>			

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